

RP00421

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Recombinant Human Galectin-8 Protein

Catalog No.: RP00421

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	3964	O00214

Tags

No tag

Synonyms

Gal-8; PCTA-1; PCTA1; Po66-CBP;LGALS8;PCTA-1;PCTA1;Po66-CBP

Product Information

Source

<I>E. coli</I>

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 250 mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions. Alternatively spliced transcript variants encoding different isoforms have been identified.

Basic Information

Description

Recombinant Human Galectin-8 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Met1-Trp317) of human Galectin-8 (Accession #O00214).

Bio-Activity

Measured by its ability to agglutinate human red blood cells. The ED₅₀ for this effect is ≤10 μg/mL.

Storage

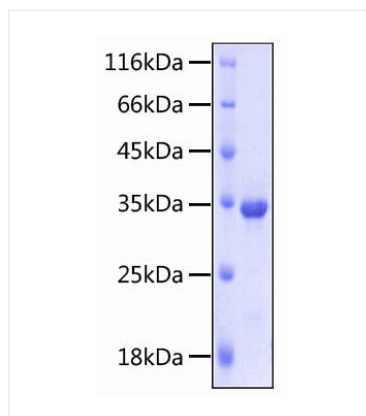
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant protein Human Galectin-8 was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 35 kDa.